MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL, 1944

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

APRIL 1944

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	66.2	64.5	63.2	64.6	24.0	15.4	15.1	20.1	16.2	17.1
2	56.8	56.2	59.0	57.3	26.5	13.4	23.8	21.6	16.5	20.6
3	60.1	60.9	61.3	60.8	16.6	10.7	13.5	13.7	13.1	13.4
4	2.1	62.7	3.2	2.7	19.0	12.2	12.7	18.2	14.3	15.1
5	3.9	4.0	4.2	4.0	19.5	12.2	14.6	18 3	13.3	15.4
6	62.7	61.7	60.6	61.7	21.3	14.6	14.9	20.6	15.7	17.1
7	56.5	57.0	59.0	57.5	17.9	12.7	16.7	14.5	14.3	15.2
8	60.3	61.1	61.4	60.9	21.0	14.9	14.9	20.0	15.6	16.8
9	2.5	3.8	4.5	3.6	21.3	13.1	16.9	21.1	16.3	18.1
10	5.5	5.6	4.9	5.3	21.3	14.4	15.7	20.4	15.9	17.3
11	61.9	60.7	57.9	60.2	22.9	16.8	16.8	21.7	18.1	18.9
12	55.3	56.1	7.7	56.4	23.0	18.0	19.3	21.8	18.0	19.7
13	8.0	60.6	60.5	9.7	23.2	15.6	16.3	20.5	15.6	17.5
14	61.1	1.5	1.7	61.4	21.3	16.1	17.7	20.5	17.8	18.7
15	59.4	56.3	58.7	58.1	23.5	16.1	16.1	22.4	17.2	18.6
16	55.2	55.8	56.5	55.8	23.5	14.9	18.2	17.1	14.9	16.7
17	6.9	9.1	9.0	8.3	22.4	14.2	18.3	20.5	16.8	18.5
18	61.9	62.9	63.8	62.9	22.3	13.8	16.9	21.1	15.9	18.0
19	4.9	4.6	4.4	4.6	24.1	15.0	16.8	23.7	17.4	19.3
20	4.1	2.8	2.0	3.0	23.8	16.8	18.4	22.3	19.3	20.0
21	61.4	60.7	60.2	60.8	28.8	18.6	20.1	27.9	19.4	22.5
22	0.2	0.9	0.9	0.7	28.8	17.8	21.7	27.7	21.0	23.5
23	1.3	1.4	1.4	1.4	26.5	17.8	21.3	26.2	20.3	22.6
24	0.5	59.9	59.3	59.9	26.6	18.4	19.8	25.4	19.9	21.7
25	59.1	8.6	8.1	8.6	26.1	18.7	21.7	24.4	20.1	22.1
26	57.9	57.2	56.0	57.0	31.2	21.3	21.3	29.4	23.8	24.8
27	5.1	5.9	4.6	5.2	32.1	23.4	27.1	30.5	27.9	28.5
28	4.9	5.9	6.0	5.6	30.1	18.9	28.2	26.7	20.5	25.1
29	8.2	8.1	7.7	8.0	27.0	18.6	21.4	25.2	20.3	22.3
30	6.3	4.6	60.6	7.2	29.5	21.0	21.4	29.1	23.8	24.8
	60.00	60.03	60.28	60.10	24.17	16.18	18.58	22.75	17.97	19.66

Barometer, range for month 765.6 — 754.6 mm.
,, 62-yr. average for month 760.04 mm.
Thermometer, range for month 32.1° C — 10.7° C.
,, 62-yr. average for month 18.96° C.
Rain, total for month 31.75 mm.
,, . 62-yr. average for month 57.40 mm.
,, . total. from Sept. 1st. 791.72 mm.
62-yr. average, total from Sept 1st. 862.07 mm.
* Summer time

APRIL 1944

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	9.7	12.5	12.7	11.6	76	71	93	80	8.4	459.0	
2	9.0	13.4	11.4	11.3	41	70	81	64	2.8	740.0	
3	7.9	8.3	7.8	8.0	69	70	69	69	2.6	618.0	1.52
4	7.7	8.8	8.6	8.4	71	56	71	66	5.9	237.0	
5	8.8	9.9	9.3	9.3	71	63	82	72	6.4	298.0	
6	9.6	11.9	10.8	10.8	75	66	82	74	8.6	354.0	
7	10.1	11.5	10.7	10.8	72	93	88	84	0.1	583.0	17.78
8	10.6	12.0	11.6	11.4	85	69	88	81	5.7	515.0	
9	12.2	15.0	12.0	13.1	86	80	87	84	8.5	649.0	
10	10.6	13.2	12.1	12.0	80	74	90	81	9.0	233.0	
11	12.2	13.4	13.5	13.0	86	69	86	80	4.8	241.0	
12	12.3	15.1	11.5	13.0	74	77	75	75	6.5	322.0	
13	12.0	13.5	12.2	12.6	88	75	93	85	2.5	563.0	1.78
14	10.9	12.5	10.7	11.4	72	69	71	71	5.7	322.0	0.51
15	10.7	12.1	11.3	11.4	79	60	77	72	5.0	483.0	
16	12.3	12.4	11.8	12.2	80	86	94	87	2.6	732.0	
17	14.1	11.7	12.2	12.7	91	65	86	81	5.5	443.0	10.16
18	10.8	13.6	12.9	12.4	76	73	96	82	10.5	290.0	
19	9.9	13.5	11.7	11.7	70	61	79	70	10.3	381.0	
20	11.3	13.4	12.9	12.5	73	67	77	72	10.1	161.0	
21	13.6	12.3	14.8	13.6	78	43	88	70	10.1	72.0	
22	14.9	15.2	17.6	15.9	77	55	94	75	9.9	23.0	
23	15.8	19.6	15.2	16.9	83	77	86	82	8.4	69.0	
24	16.1	19.4	16.5	17.3	94	80	95	90	6.2	121.0	
25	14.3	17.4	16.4	16.0	74	77	94	82	11.6	117.0	
26	17.0	16.4	18.5	17.3	90	54	84	76	10.7	177.0	
27	15.3	16.2	11.1	14.2	57	49	39	48	5.5	478.0	
28	13.9	15.8	16.6	15.4	49	60	89	66	11.0	595.0	
29	16.4	17.5	16.8	16.9	86	74	95	85	11.1	145.0	
30	16.9	15.2	14.4	15.5	89	50	65	68	11.1	306.0	
	12.23	13.75	12.85	12.95	76.4	67.7	83.1	75.7	7.23	357.56	1.05

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.: above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	3ne	1ne	1ne	slight	D.a.m., Summer time
2	8cu	7cu	10cu	8.3	2s	2sw	2sw	„	W. at night start.
3	10cu	10cu-ni	10cu-ni	10.0	4sw	3sw	3sw	mod.	Tr. P.M.
4	7cu	9cu	9cu-ni	8.3	1sw	2sw	1sw	slight	
5	2cu	7cu	2cu	3.7	1sw	2sw	0	„	
6	0	0	10cu	3.3	1ne	2ne	1ne	slight	
7	10cu	10cu	10cu	10.0	3ne	1se	3sw	„	
8	9cu	1cu	2cu	4.0	1sw	2sw	0	„	W. at night
9	4cu	5cu	6cu	5.0	3sw	3sw	3sw	„	
10	0	2cu	1cu	1.0	2sw	2sw	0	„	
11	5cu	10cu	1cu	5.3	0	1e	0	slight	D. a.m.
12	0	0	4cu	1.3	0	3sw	1sw	„	
13	10cu	9ci	10cu	9.7	2sw	2sw	3sw	rough	
14	7cu	1ci	1ci	3.0	1s	1s	3s	„	
15	5ci	6cu	8cu	6.3	1s	3sw	3sw	mod.	Tr. a.m.
16	9cu	5cu	9cu-ni	7.7	1s	2sw	3sw	light	8:30 readings taken at
17	8ci-cu	7cu	0	5.0	1w	1w	0	calm	10 a.m.
18	0	0	0	0.0	1sw	2sw	0	light	
19	0	0	0	0.0	0	1ne	2n	„	D. a. m.
20	0	0	0	0.0	1ne	1ne	0	„	
21	1ci	0	0	0.3	0	0	0	calm	D. a.m.
22	0	0	0	0.0	0	0	0	„	D. a.m.
23	0	7cu-ci	0	2.3	0	1ne	0	„	D. & mist a.m.
24	10cu	9ci	0	6.3	1e	1ne	0	„	F. a.m.
25	2ci	2ci	0	1.3	0	1nw	1ne	„	D. a.m.
26	0	5cu	0	1.7	1sw	0	1sw	calm	Heavy D. a.m.
27	1ci	10cu	10cu	7.0	0	0	1w	„	Sudden west w. at
28	0	0	0	0.0	1sw	3sw	0	„	Tr. a.m. 4:30 p.m.
29	0	1cu	3cu	1.3	2sw	2sw	0	light	Mist a.m.
30	2st.	10st.	10cu-ni	7.3	0	1e	1ne	calm	Unusual fog a.m., Tr. p.m.
				3.98					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	4	1	0	4	11	1	0	9	30
14:30	0	6	2	1	1	14	1	1	4	30
20:30	1	4	0	0	1	10	1	0	13	30
Totals	1	14	3	1	6	35	3	1	26	90

Number of days with rain 5, fog 2, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 6.3 days